



**US Army Corps
of Engineers®**

Nashville District

Public Notice

Public Notice No. 06-141

Date: December 22, 2006

Application No. 200601913

Expiration Date: January 22, 2006

Please address all comments to: Nashville District Corps of Engineers, Regulatory Branch (Attn: Maryellen Farmer), 3701 Bell Road, Nashville, TN 37214.
Telephone: (615) 369-7517, Fax (615) 369-7501.

AMMENDED JOINT PUBLIC NOTICE

US ARMY CORPS OF ENGINEERS

AND

TENNESSEE VALLEY AUTHORITY

SUBJECT: Proposed Navigational Access Dredging, Floating Community Boat Docks, Culvert and Concrete Boat Launching Ramp, Tennessee River Mile 584.1L, Watts Bar Lake, Loudon County, TN

TO ALL CONCERNED: The application described below has been submitted for a Department of the Army Permit pursuant to **Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 1344)** and a Tennessee Valley Authority (TVA) permit pursuant to **Section 26a of the TVA Act (16 USC 831y-1)**. The applicant has applied for an Aquatic Resource Alteration Permit (ARAP) to the Tennessee Department of Environment and Conservation (TDEC), Division of Water Pollution Control, for the proposed dredging activity. The box culvert and boat launching ramp included in this application has been previously authorized for purposes of Section 10 and 404 of the Clean Water Act (33 USC 1344) by existing Nationwide Permits 14 & 36 respectively [January 15, 2002, Federal Register, Issuance of Nationwide permits; Notice (67 FR 2020)].

APPLICANT: Tennessee River Partnership
P.O. Box 22235
Knoxville, Tennessee 37933-0235

LOCATION: Tennessee River Mile 584.1L, Watts Bar Lake, Loudon County, Tennessee. Latitude: 35°45'43" Longitude: 84°23'6"
USGS Topographic Map: Cave Creek, TN

DESCRIPTION: The proposed work is in association with the development of a 78-acre, 293 unit residential subdivision and consists of the following:

BACKGROUND: This proposed action was initially advertised as Public Notice (PN) 06-96 dated September 1, 2006. The applicant proposed substantial changes to the project requiring issuance of an amended PN. The initial PN included actions #1 and #2 below. The amended PN has the addition of actions #3 and #4 and some changes to measurements and cubic yardage in action #1.

1. The applicant proposes to excavate and dredge approximately 36,526 cubic yards of material below Normal Summer Pool (NSP) Elevation 741.0 along 1850 linear feet of the landward embayment to provide dock access. The proposed channel would have a 50' bottom width at elevation 731.0 with 3:1 slopes to elevation 741.0 and then 2:1 slopes from there to the top of each bank. The applicant further proposes the placement of riprap along 1850' of the embayment where the docks would be located. All excavated material would be placed in onsite locations well removed from the channel (see attachments), capped with topsoil and seeded for stability. The proposed work would be accomplished with a track hoe and front end loader on the upstream portion of the project, and a large track hoe on a rock platform or a crane operating from the bank using a dragline on the downstream portion of the project. Best Management Practices would be utilized during all phases of the proposed work. Siltation would be carefully controlled by rock check dams, turbidity curtains, and silt fencing. Work would be performed during winter drawdown of Watts Bar Lake.
2. The applicant proposes to construct 27 double-slip floating docks each measuring 24' x 30' and attached to the shoreline by a 4' wide walkway with varying lengths. The docks would utilize encapsulated Styrofoam flotation. These docks would provide safe moorage and lake access to approximately one third of the homes in the planned subdivision.
3. The applicant proposed to excavate and dredge approximately 5,356 cubic yards of material below Normal Summer Pool (NSP) Elevation 741.0 along approximately 600 linear feet of the main channel to provide dock access. The bank would be sloped at 3:1 to elevation 741.0 and then 2:1 slopes from there to the top of each bank. All excavated material would be placed in onsite locations well removed from the channel (see attachments), capped with topsoil and seeded for stability. Work would be performed as stated above.
4. The applicant proposes to construct and additional 18 double-slip floating docks each measuring 24' x 30' and attached hugging the shoreline by 4' wide walkways. The docks would utilize encapsulated Styrofoam flotation.

In addition to the work identified above, the applicant has requested that the Corps of Engineers verify additional project activities that meet the criteria for authorization under the Nationwide Permit Program [January 15, 2002, Federal Register (Vol. 67, No. 10, pg.2020)]. Activities would involve the discharge of fill material associated with the construction of a boat-launching ramp and 190' concrete box culvert.

Plans of the proposed work are attached to this notice.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

An Environmental Assessment will be prepared by this office prior to a final decision concerning issuance or denial of the requested Department of the Army Permit.

The National Register of Historic Places has been consulted and no properties listed in or eligible for the National Register are known which would be affected by the proposed work. This review

constitutes the full extent of cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer.

Based on available information, the proposed work will not destroy or endanger any Federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act. Therefore, we have reached a no effect determination and initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

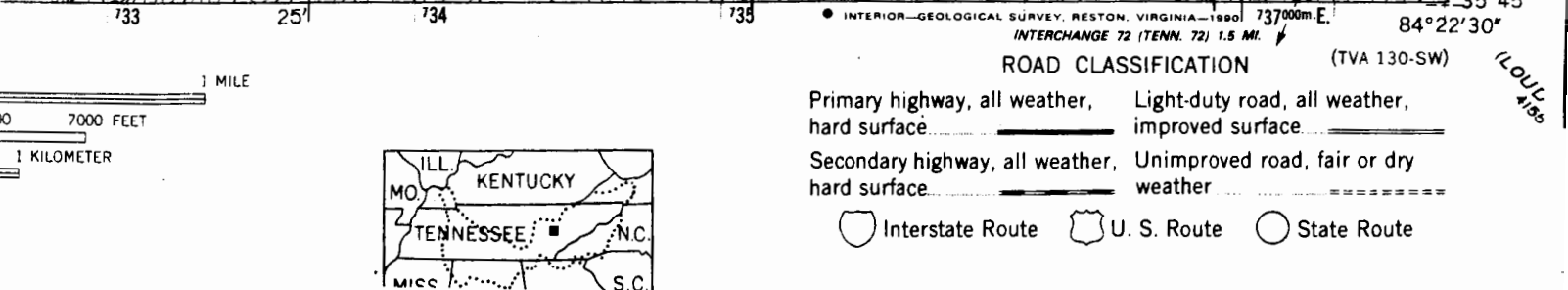
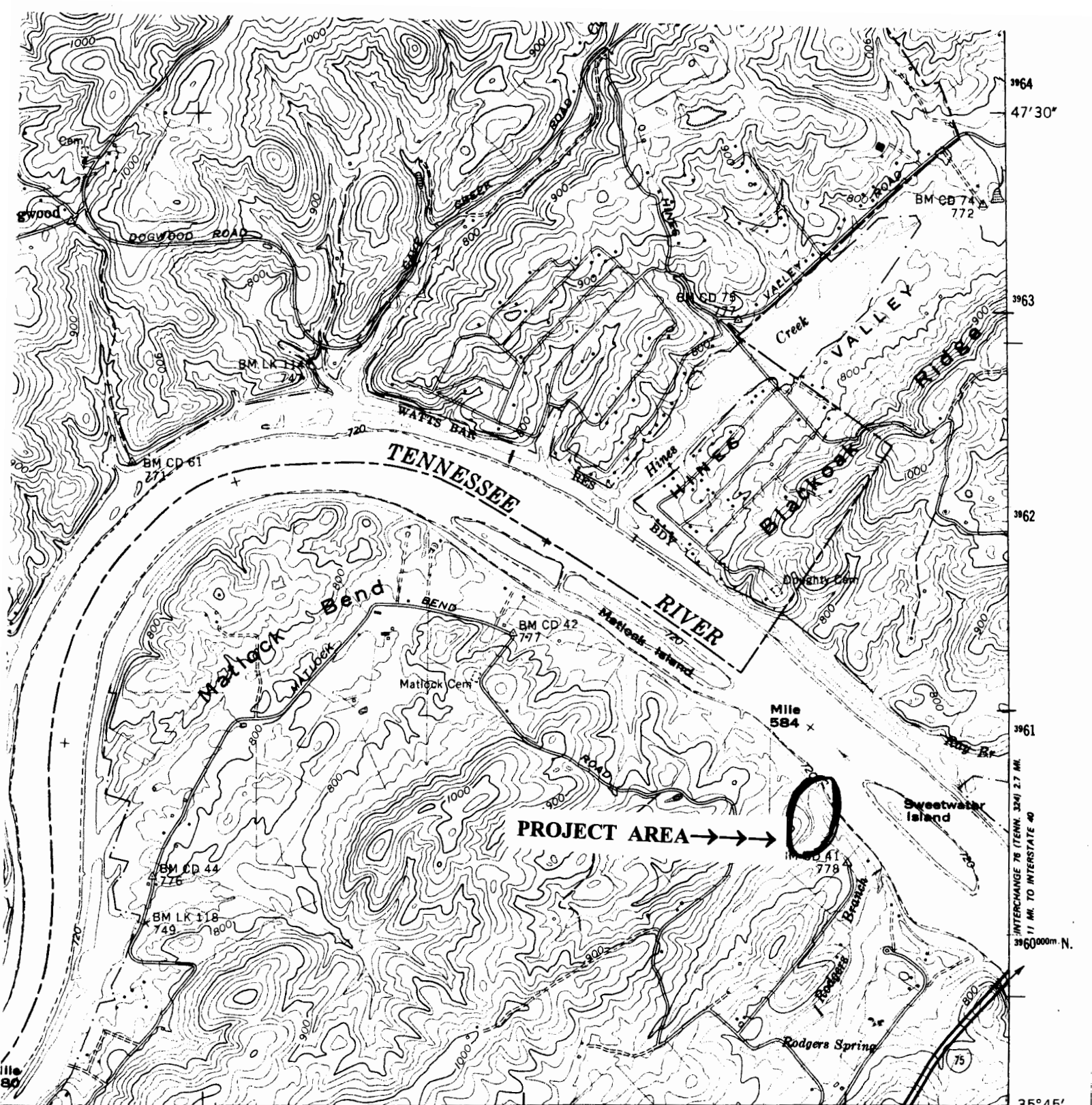
Other federal, state, and/or local approvals required for the proposed work are as follows:

a. Tennessee Valley Authority (TVA) approval under Section 26a of the TVA Act. In addition to other provisions of its approval, TVA would require the applicant to employ best management practices to control erosion and sedimentation, as necessary, to prevent adverse aquatic impacts.

b. The proposed dredging activity would require an ARAP from TDEC. In addition, the proposed launching ramp must comply with the terms and conditions of TDEC's General Permit for this activity established under the requirements of the Tennessee Water Quality Control Act of 1977 (T.C.A. § 69-3-101 et seq).

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Written statements received in this office on or before **January 22, 2007**, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: Maryellen Farmer, at the above address, telephone (615) 369-7517, Fax (615) 369-7501. The email address is Maryellen.J.Farmer@lrn02.usace.army.mil. It is not necessary to comment separately to TVA since copies of all comments will be sent to that agency and will become part of its record on the proposal. However, if comments are sent to TVA, they should be mailed to: Tennessee Valley Authority, Watts Bar-Clinch Watershed Team, Attn: Mr. Garry Chappelle, 260 Interchange Park Dr., LCB 1A-LCT, Lenoir City, Tennessee 37772-5664, (865) 632-1320

If you received this notice by mail and wish to view all of the diagrams, visit our web site at:
<http://www.lrn.usace.army.mil/cof/notices.htm>, or contact Mrs. Farmer at the above address or phone number.



USGS
CAVE CREEK, TN

PN NO. 06-141
 by the Ten
 in 1987
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 FILE NO. 200601913

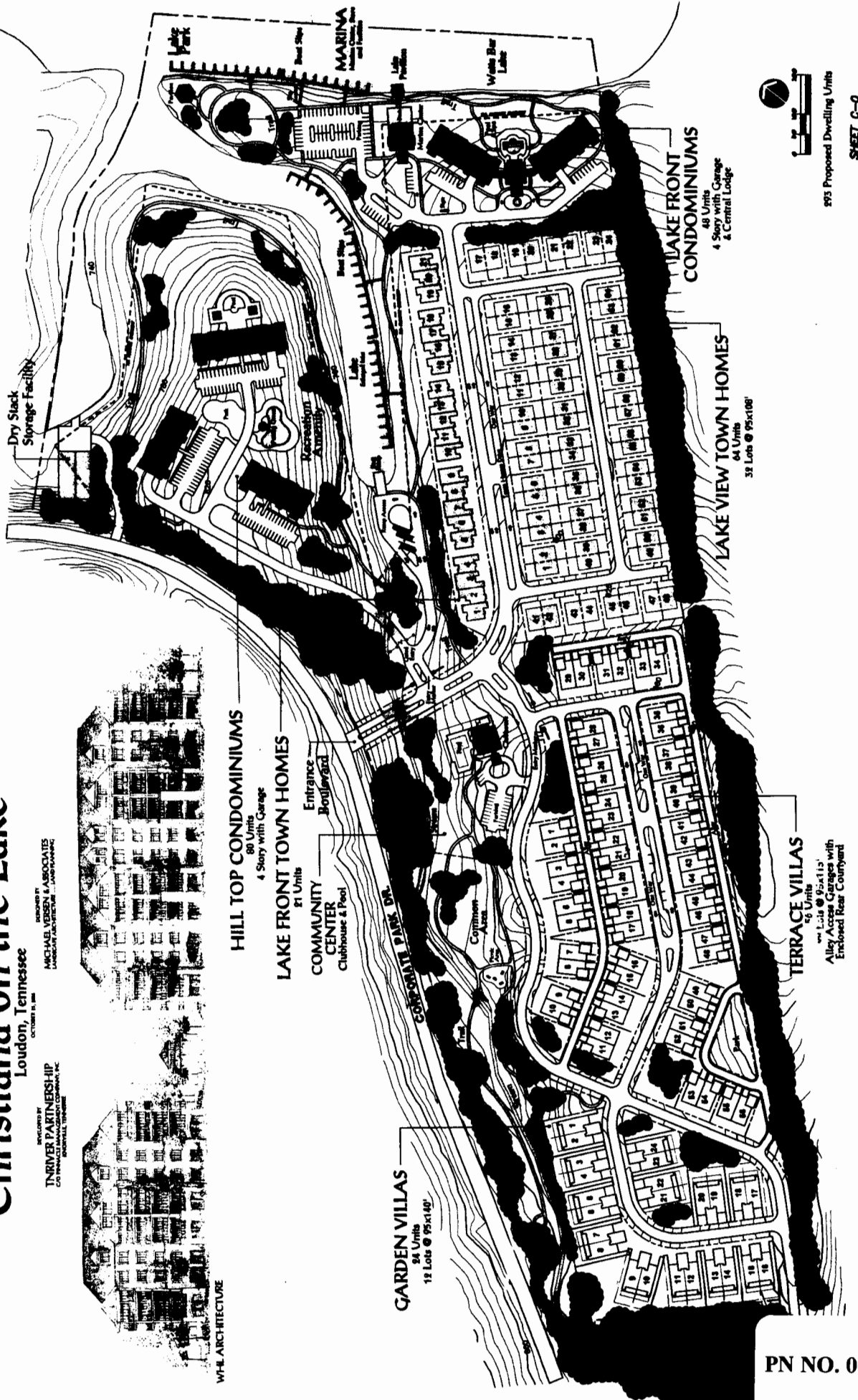
Christiana on the Lake

Loudon, Tennessee

DESIGNED BY
MICHAEL VERSEN & ASSOCIATES
LANDSCAPE ARCHITECTURE • LANDSCAPE

INCORPORATED BY
TRINITY PARTNERSHIP
C/O TRINITY MANAGEMENT COMPANY, INC.
NASHVILLE, TENNESSEE

WHL ARCHITECTURE

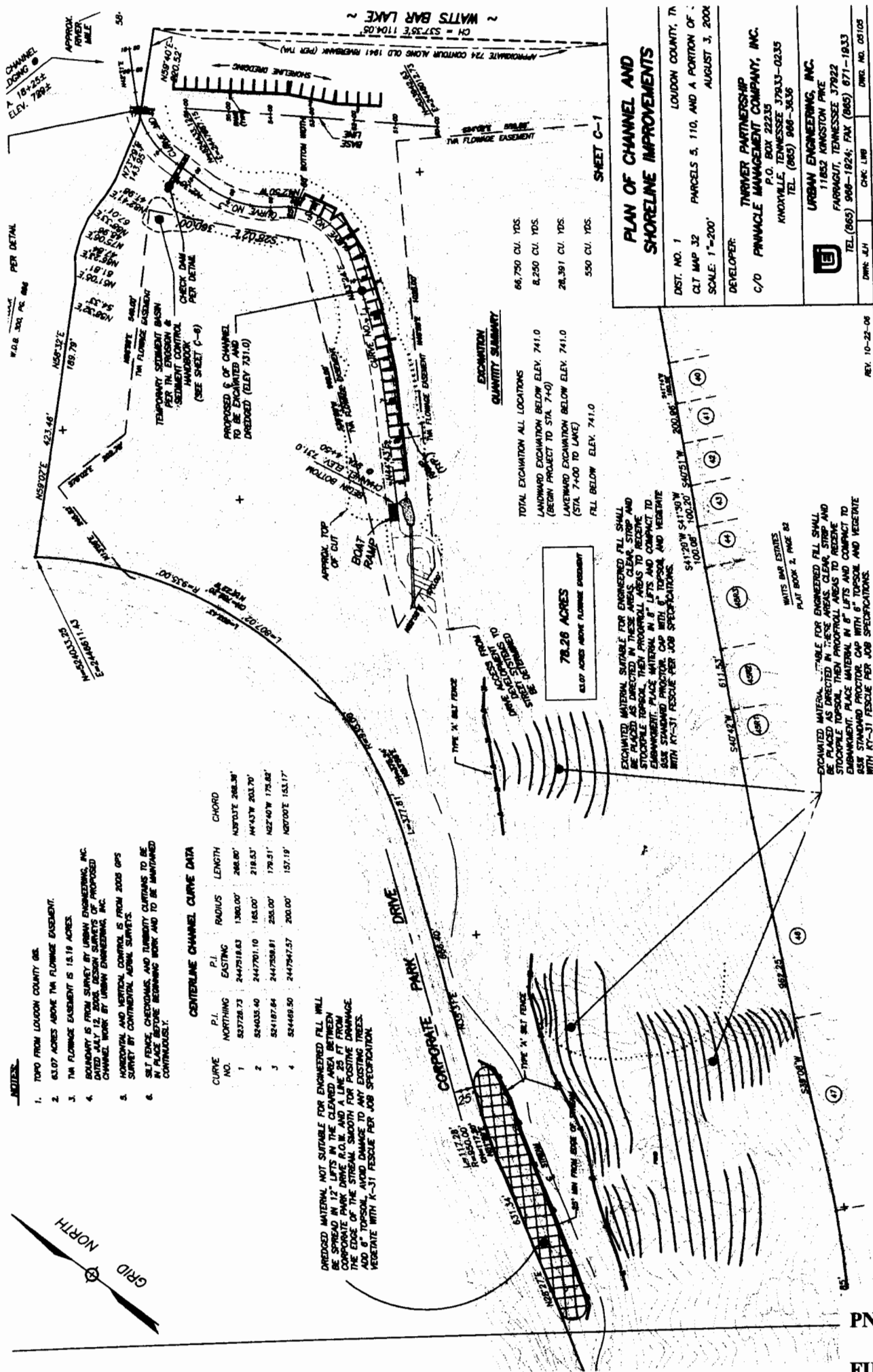


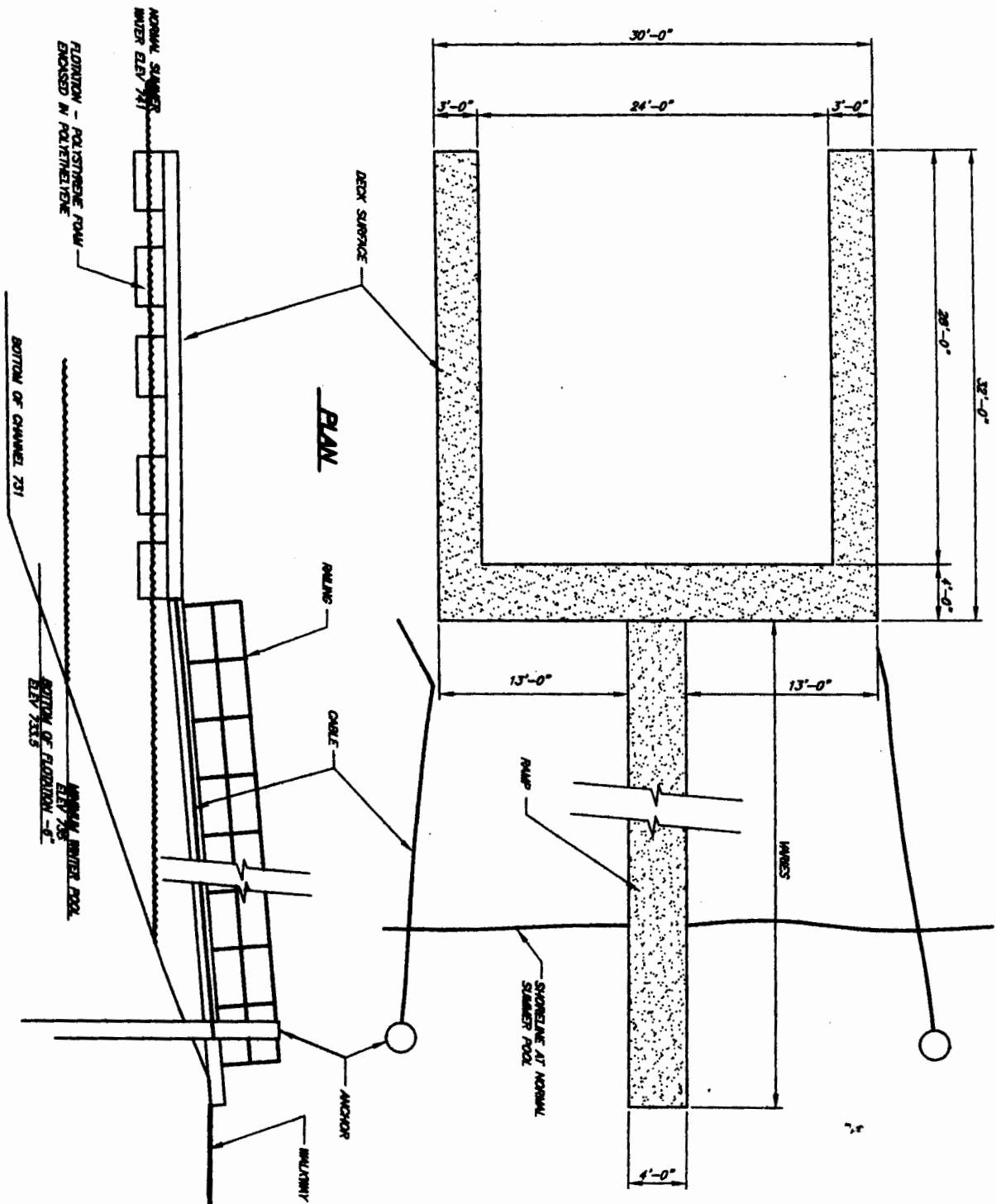
993 Proposed Dwelling Units

SHEET C-0

PN NO. 06-141

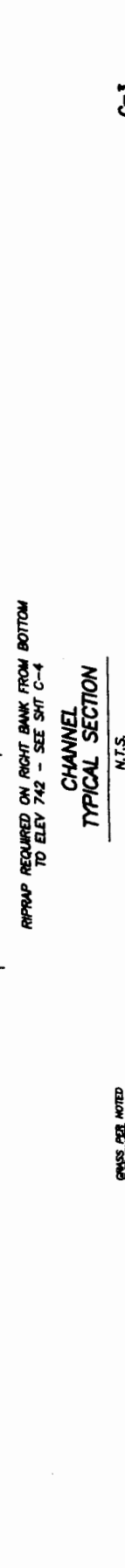
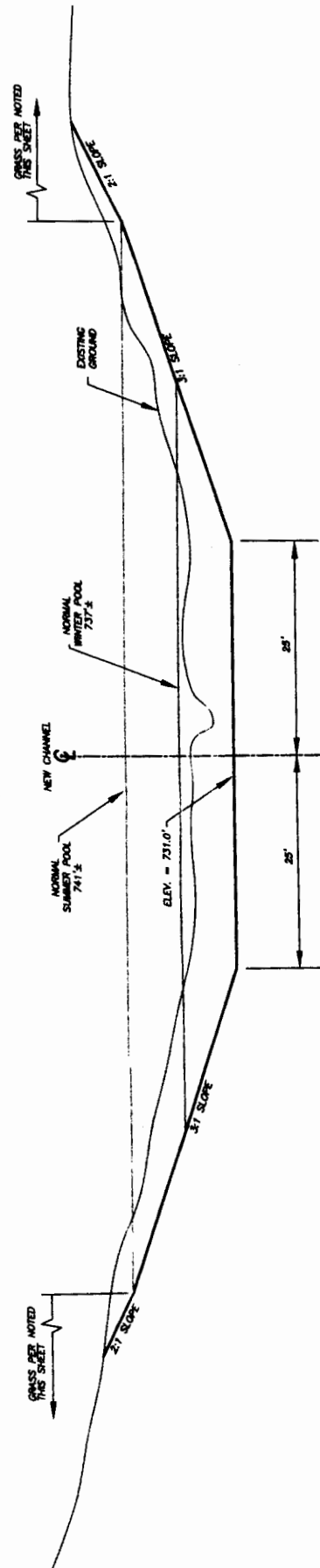
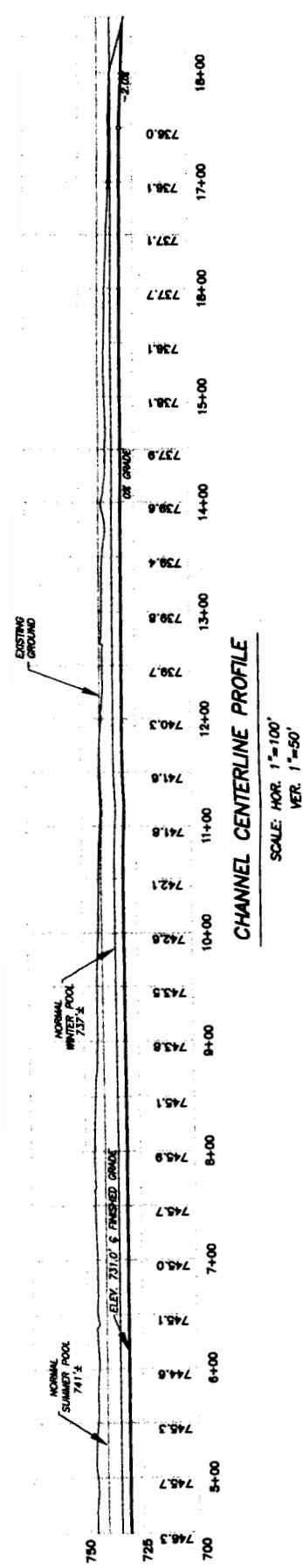
FILE NO. 200601913





PN NO. 06-141

FILE NO. 200601913



C-3

DREDGING PROFILE & TYPICAL SECTIONS

DIST. NO. 1	LOUDON COUNTY, TN
CLT MAP 32	PARCELS 5, 110, AND A PORTION OF :
SCALE: 1"=100'	AUGUST 3, 2008
DEVELOPER:	THORNER PARTNERSHIP
C/O PINNACLE MANAGEMENT COMPANY, INC.	P.O. BOX 22235
	KNOXVILLE, TENNESSEE 37933-0235
	TEL. (865) 969-3636
	URBAN ENGINEERING, INC.
	11852 KINGSTON PKE
	FARMGUT, TENNESSEE 37922
	TEL. (865) 969-1824; FAX (865) 871-1833
DWG. 441	C&C LWB
REV. 10/22/06	DRG. NO. 08108

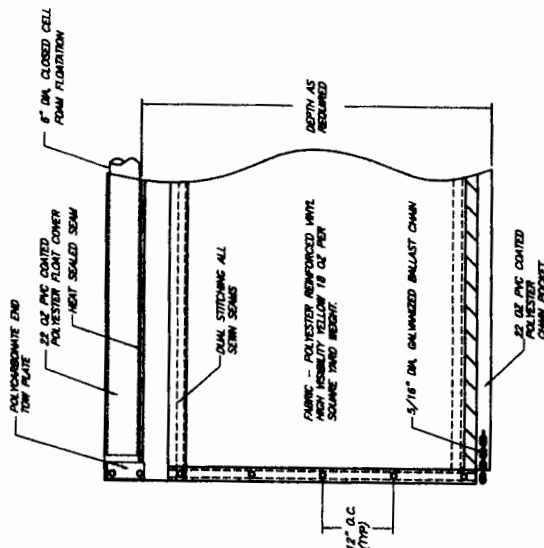
GRASS SPECIFICATION

FOR SLOPES SHOWN PLUS ALL OTHER BORDERING DISTURBED AREAS.

TOPSOIL TO UNIFORM DEPTH OF 4"
AGRICULTURAL LIME - 3 TONS/ACRE
2.5 LBS. P-4 31 FESCUE PER 1,000 SQ. FT.
0.5 LBS. ENGLISH RYE PER 1,000 SQ. FT.
10 LBS. DRY FERTILIZER (12-24-24 OR EQUAL) PER 1,000 SQ. FT.

100 LBS. DRY STRAW PER 1,000 SQ. FT.
(EXCEPT WHERE EROSION CONTROL FABRIC IS REQUIRED).

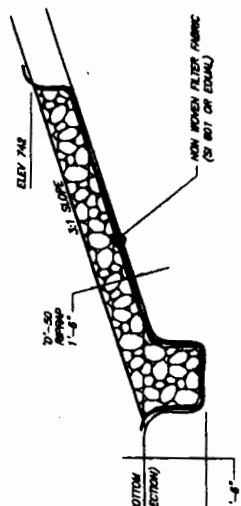
ALL GRASSED 3:1 OR 2:1 SLOPES TO HAVE ECM (VERMIDOL OR EQUAL).



FLORATION SIZES (R. & OF 12\"/>

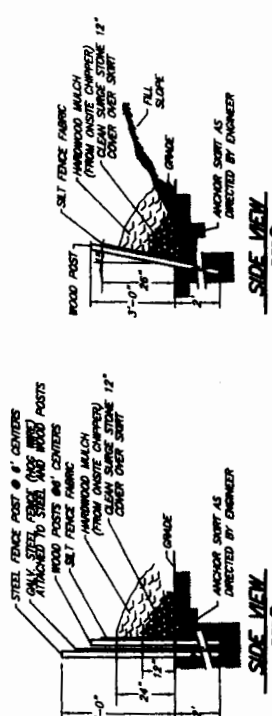
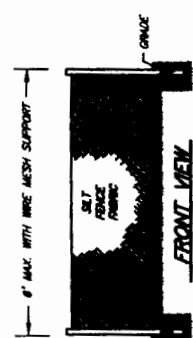
2 MODERATE WEIGHT TURBIDITY CURTAIN

AS SPECIFIED BY BOSS ENVIRONMENTAL
PRODUCTS 1-800-774-6004

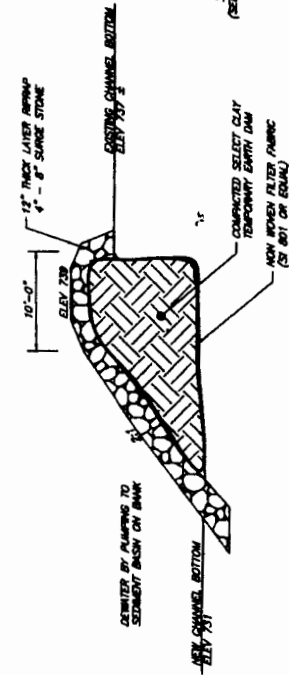


4 RETRAP SLOPE DETAIL

USE ALONG NEW CHANNEL OF EX. WATER DRAINAGE
USE ON RIGHT (DUST) BANK OF NEW CHANNEL



1 STANDARD TEMPORARY SILT FENCE



3 CHECKDAM DETAIL

NTS

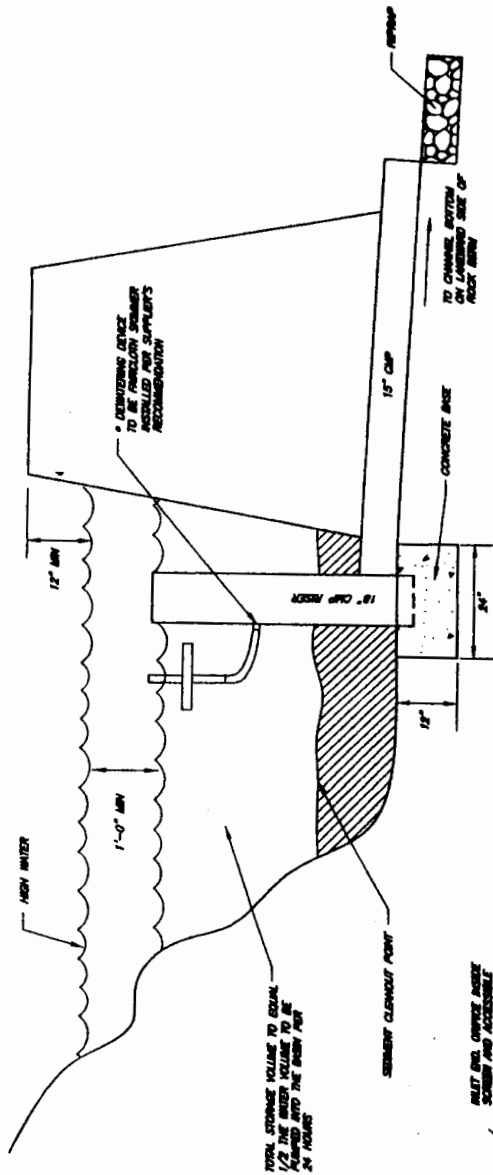
SHEET C-4

DETAILS

DIST. NO. 1	LOOSON COUNTY, TN
CLT MAP 32	PARCELS 5, 110, AND A PORTION OF 3
SCALE: NTS	AUGUST 3, 2008
DEVELOPER:	TRINER PARTNERSHIP
C/O PINNACLE MANAGEMENT COMPANY, INC.	P.O. BOX 22235
KNOXVILLE, TENNESSEE 37933-0235	TEL. (865) 946-3536
URBAN ENGINEERING, INC.	11653 KINGSFORD PIKE
FARMINGFORD, TENNESSEE 37922	TEL. (865) 806-1824; FAX (865) 671-1833
DWG. A-1	CHK. LMB
	DATE: NO. 08/08

REV 10/22/08

NOTE:
-USE SILT FENCE ONLY WHEN DRAINAGE AREA DOES NOT EXCEED 1/4 ACRE PER 100 FEET OF FENCE AND NEVER IN AREAS OF CONCENTRATED FLOW GREATER THAN ONE CUBIC FEET PER SECOND
-SILT FENCE/STRAW BALE CHECK DAM PLACEMENT SUGGESTED AT MINOR SWALES

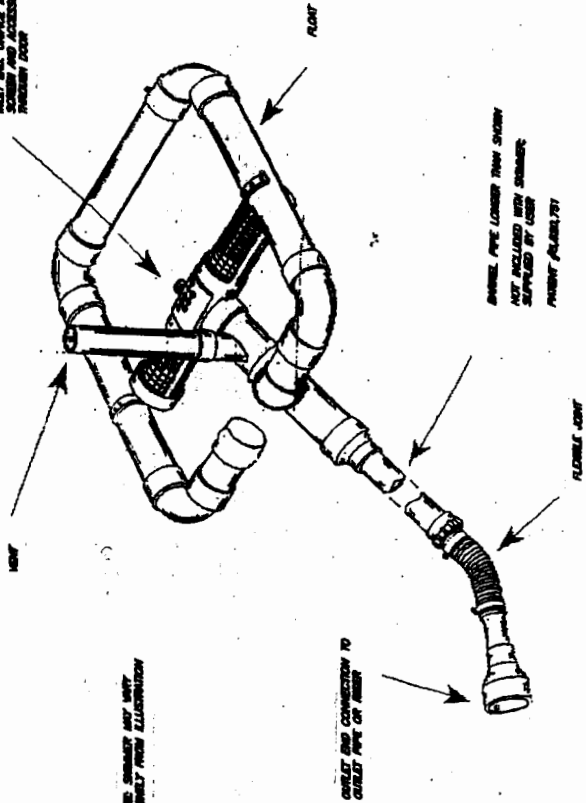


BY J.E. GREGORY & SON, INC.
412 BATTERED DUNE
POST OFFICE BOX 727
HALLSBURG, MARYLAND 21756

SEE PROJECT SHEET FOR
1/4" = 1' SCALE

SEDIMENT BASIN
TYPICAL SECTION

SEDIMENT COLLECTION POINT
SEDIMENT COLLECTION POINT
SEDIMENT COLLECTION POINT



ELFECLOTH SYSTEM

SHEET C-8

DETAILS

DIST. NO. 1	LOUDON COUNTY, TN
CLT MAP 32	PARCELS 5, 110, AND A PORTION OF 3
SCALE: NTS	AUGUST 3, 2008
DEVELOPER:	TURNER PARTNERSHIP
C/O	PRINCE MANAGEMENT COMPANY, INC.
	P.O. BOX 22235
	KNOXVILLE, TENNESSEE 37933-0235
	TEL (865) 948-3638
	URBAN ENGINEERING, INC.
	11852 HUNTERTON PIKE
	FAIRBURN, TENNESSEE 37062
	TEL (865) 948-1824; FAX (865) 871-1833
CHECK LIST	CHECK LIST
DATE: 10/22/08	DATE: 10/22/08

REV 10/22/08